

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_017
Date: 11-Jul-17
Blast Time: 11:37
Blast Sign Activation: 7:26
Website Notification Time: 7:15

Blast Conditions

Ceiling Height: 4572 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 8 km/hr
Wind Direction: E
Temperature: 19.3 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert: Exceedances due to blast siren

Blast Siren Locations:

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extendicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	54.5 LAeq	95.6 dB
Edwards:	49.2 LAeq	95.4 dB
Fred:	44.2 LAeq	98.5 dB
Hollinger Office:	56.6 LAeq	103.4 dB
Noah:	60.7 LAeq	99.3 dB
Sandy:	45.3 LAeq	107.4 dB
Water Tower:	55.6 LAeq	107.3 dB
Wilson:	45.5 LAeq	102.9 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.1	4.4	10.5	11.2
Edwards:	5.0	11.4	10.0	25.7
Hollinger Office:	9.1	9.9	10.1	12.7
Sandy:	15.6	59.8	29.8	137.9

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	0.0	0.0
Edwards:	1.2	1.6
Hollinger Office:	3.7	5.8
Sandy:	3.7	9.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.3	0.3	0.3
Imerys:	0.3	0.2	0.3
Noah:	0.2	0.4	0.3
Moneta Pumping Station:	2.6	1.1	1.8
Sandy:	1.4	1.0	1.3
Water Tower:	0.3	0.2	0.5
Wilson:	1.0	1.1	1.3